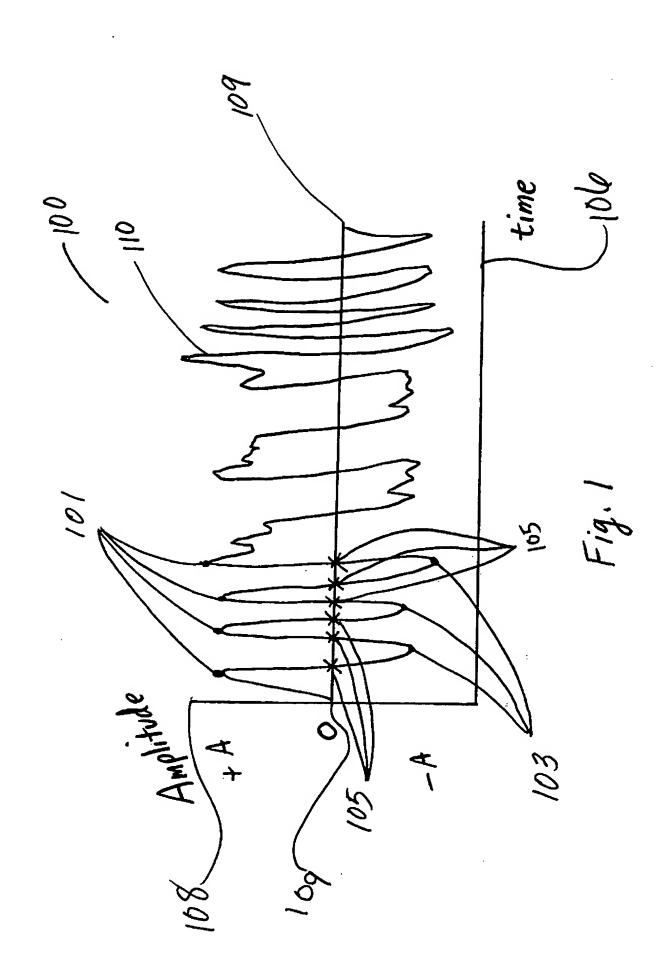
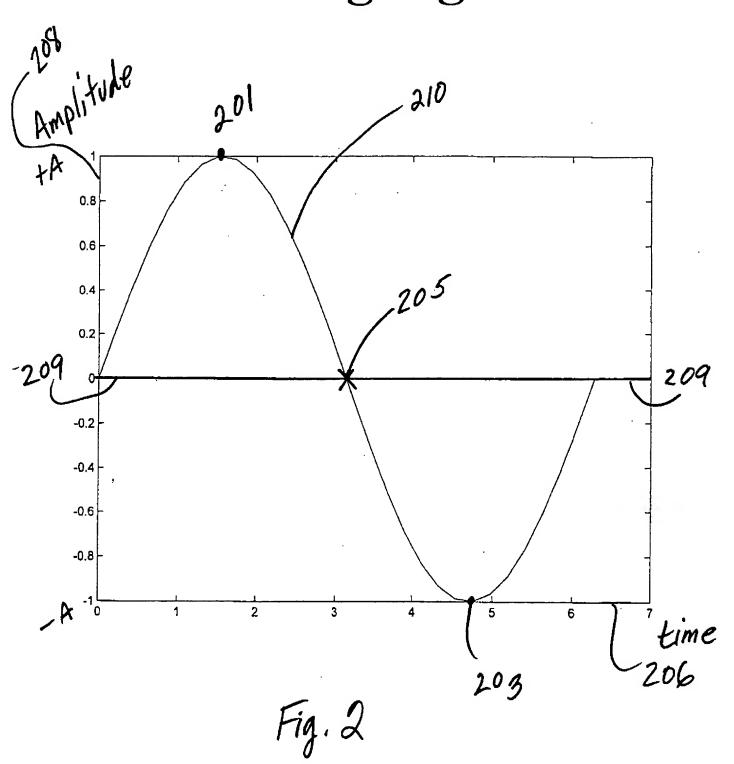


Fleare &

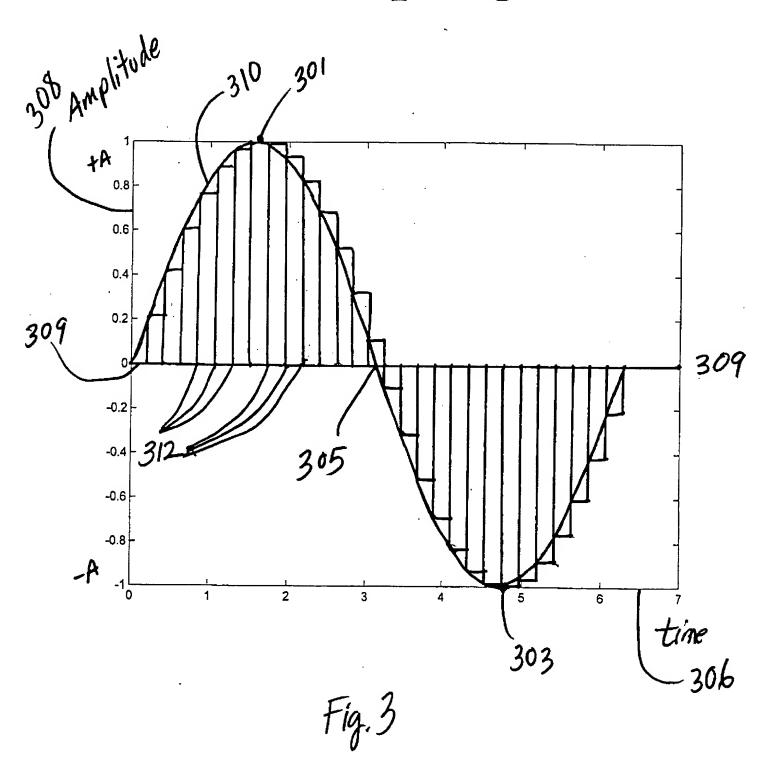


Analog Signal 200



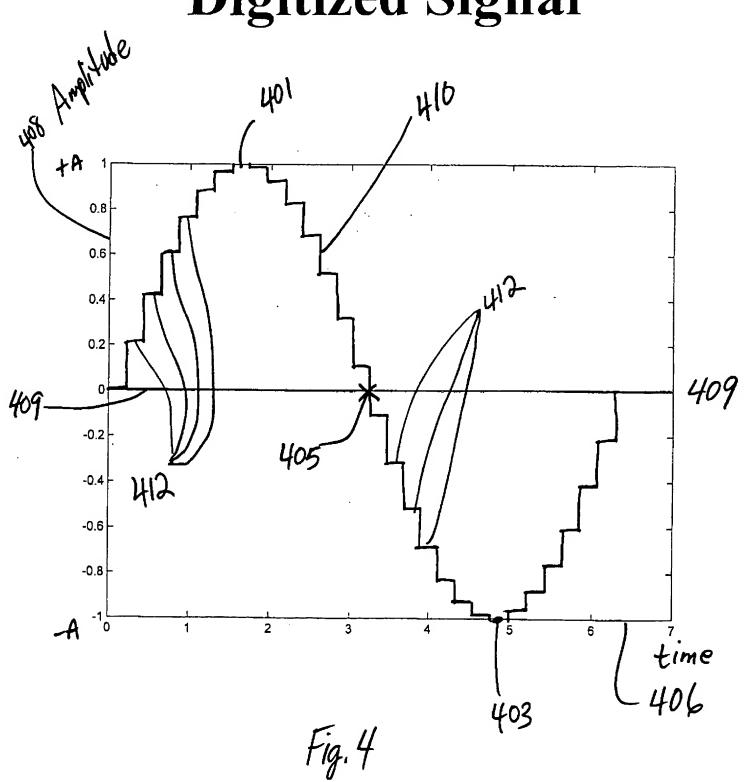
300

Sampling



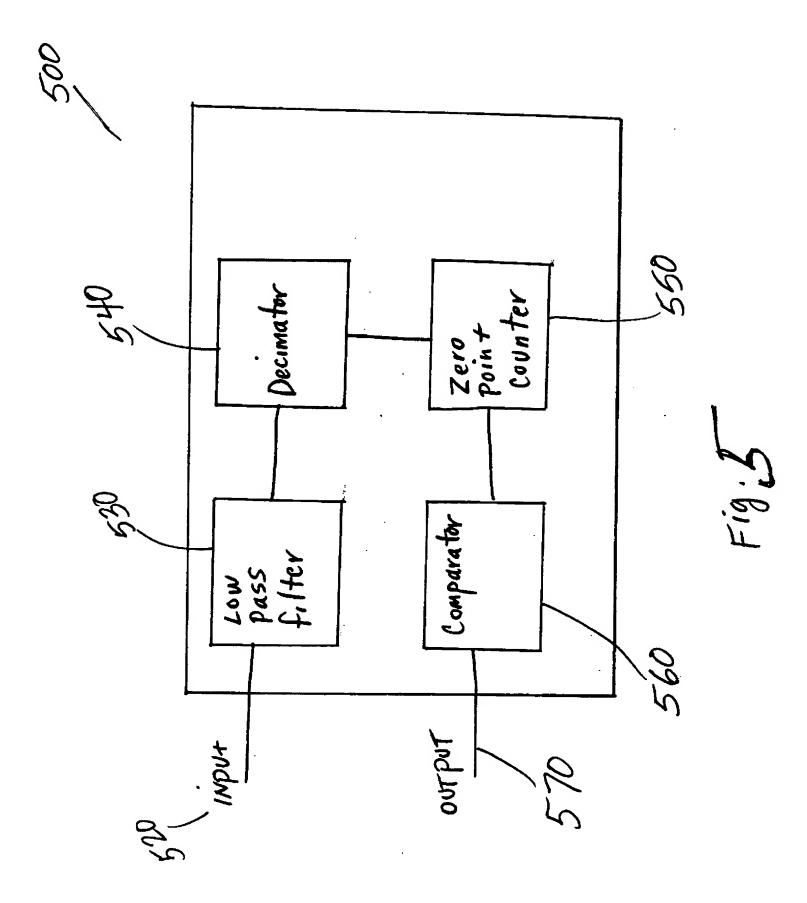


Digitized Signal



START Measure the Number 410A of zero Crossings During a given period of two 420A Compare the number of Zero Crossings to a threshold Value Does No the Number of Yes Zero crossings exceed the threshold Value 2 450A ЩОА Music speech END

Fig. 4A



(000 In Put Transmit Audio Signal to low pass filter Transmit Audio Signal to Decimator 630 Transmit Audio Signal to Zero point Coonter 650 Court Zero Point Trasitions Transmit loont to Comparator) 660 Compare Count to threshold Valve Count greater. Output) Speech than threshold MUSIC Value 670 666

Fig. 6

